### **Declaration for Patent Application**

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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	and was amended	on	(if applicable).						
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[A] Customer No	•	HAMILTON, BROOK,	SMITH & REYNOLDS, P.C.
		Two Militia Drive	
		Lexington, MA 02421-4	799
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[ ] Address as fol		Lexington, MA 02421-4	
[ ] Address as fol	one calls to:	Lexington, MA 02421-4  Mary Lou Wakimura	Telephone No.: 781-861-6240
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Full name of second join	ut	
inventor, if any	John P. Guiver	
Inventor's Signature		Date
Residence	93 Pleasant Valley	minus
	Saffron Walden CB11 4AW, United Kingdom	
Citizenship	United Kingdom	
Mailing Address	Same	
Full name of third joint		
inventor, if any	A 1.1.0.	n. octoalogai
Inventor's Signature		Date <u>06/2.0/2.00  </u>
Residence	2038 Baker Trail ∨	
<del> </del>	Houston, Texas 77094	
Citizenship	Canadian	<u> </u>
Mailing Address	Same	
Full name of fourth joint		
inventor, if any	S. Steven Treiber	
Inventor's Signature		Date
Residence	17 Ava Road	- AL-WENNEY
	Toronto, Ontario, Canada M5P 1X8	
Citizenship		
Mailing Address		

## **Declaration for Patent Application**

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or		Lexington, MA 02421-47	799
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[ ] Address as fol	lows:		
Direct telepho:	ne calls to:	: Mary Lou Wakimura	Telephone No.: 781-861-6240
Direct facsimil	les to:	Mary Lou Wakimura	Facsimile No.: 781-861-9540
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Full name of sole			
or first inventor	Paul Ti	urner	
nventor's Signature			-
Residence	8 Nant-	-y-coed	
		Flintshire CH7 1NX, United K	Kingdom
Citizenship	United	Vina 1	
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Full name of second joint	:	
inventor, if any	John P. Guiver	
Inventor's Signature		
Residence		
	Saffron Walden CB11 4AW, United Kingdom	
Citizenship	United Kingdom	
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Full name of third joint		
inventor, if any	Brian Lines	
Inventor's Signature		Date
Residence	2038 Baker Trail	
	Houston, Texas 77094	
Citizenship	Canadian	
Mailing Address	Same	
Full name of fourth joint		
inventor, if any	S. Steven Treiber	
Inventor's Signature	1. //h	Date _ fue 21, 200/
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[X] Customer No		Two Militia Drive	, SMITH & REYNOLDS, P.C. 4799
[X] Customer No	<b>.</b>	HAMILTON, BROOK	
		HAMILTON, BROOK Two Militia Drive	
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Full name of second joint		
inventor, if any	John P. Guiver	
Inventor's Signature		Date
Residence	93 Pleasant Valley	
	Saffron Walden CB11 4AW, United Kingdom	
Citizenship	United Kingdom	
Mailing Address	Same	
Full name of third joint		
•	Brian Lines	
Residence	2038 Baker Trail	
	Houston, Texas 77094	
	Canadian	
	Same	
Full name of fourth joint		
	S. Steven Treiber	
	5. Sicroit Hotos	
	17 Ava Road	
	Toronto, Ontario, Canada M5P 1X8	
Citizenshin	Canadian	
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[X] Customer No.	•		SMITH & REYNOLDS, P.C.
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Inventor's Signature	John P. Gruver	Date <u>Tune 20, 200</u>
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Mailing Address	Same	
Full name of third joint		
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Inventor's Signature		Date
Residence	2038 Baker Trail	
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Citizenship	Canadian	
Mailing Address	Same	
Full name of fourth joint		
inventor, if any	S. Steven Treiber	
Inventor's Signature		Date
Residence	17 Ava Road	
	Toronto, Ontario, Canada M5P 1X8	
Citizenship	Canadian	
Mailing Address	Same	

#### ASSIGNMENT

WHEREAS, we, Paul Turner, John P. Guiver, Brian Lines, and S. Steven Treiber, have invented a certain improvement in COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS described in an application for Letters Patent of the United States, the specification of which:

[X]	States Patent Office;		
[]	was filed on [ ] as Application No. [ ];		
[]	was patented under U.S. Patent No. [ ] on [ ].		

WHEREAS, Aspen Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 10 Canal Park, Cambridge, Massachusetts 02141 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

	Inventor	Paul Turner	Date
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	Inventor		_ Date
	_	John P. Guiver	
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		Brian Lines	
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